

**ABSTRACT OF THE DISCLOSURE**

A method of stabilizing a downhole drilling motor. A first step involves securing a plurality of vanes to an exterior surface of a stator housing of the drilling motor.

- 5 A second step involves passing a flow of drilling fluids past the exterior surface of the stator housing between the vanes to create an area of pressure differential and using such pressure differential to protect the stator housing from becoming differentially stuck while drilling.